



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/626,186	07/24/2003	Robert M. Arbeitman	AUS920030441US1	1552
43307	7590	06/14/2007	EXAMINER	
IBM CORP (AP)			EHNE, CHARLES	
C/O AMY PATTILLO			ART UNIT	PAPER NUMBER
P. O. BOX 161327			2113	
AUSTIN, TX 78716				

MAIL DATE	DELIVERY MODE
06/14/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/626,186	ARBEITMAN ET AL.
Examiner	Art Unit	
Charles Ehne	2113	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 24 July 2003.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-20 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

Claim Objections

Claim 8 is objected to because of the following informalities: Satisfaction is misspelled on line 6 of claim 8. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by King (US 2004/0078711).

As to claim 1, King discloses a data processing system including processor and system memory, comprising:

a set of field replaceable units (FRUs) (Page 4, ¶0057, lines 1-4);

a set of identify indicators wherein at least one of the identify indicators is associated with at least one of the field replaceable units (Page 9, ¶0113, lines 3-11);

means for enabling a user to specify a condition under which an activated identify indicator is reset (Page 19, ¶0239, lines 1-3);

means for monitoring the system to detect satisfaction of the condition and for deactivating the identify indicator in response thereto (Page 19, ¶0243).

As to claim 2, King discloses the system of claim 1, wherein the specified condition comprises completion of an FRU replacement procedure (Page 9, ¶0113, lines 7-11 & Page 11, ¶0133, lines 3-16).

As to claim 3, King discloses the system of claim 2, wherein the means for monitoring the system comprise means for polling the serial number of the FRU to determine when the FRU has been replaced (Page 11, ¶0133, lines 3-16 & Page 13, ¶0165, lines 6-7).

As to claim 4, King discloses the system of claim 1, wherein the system is configured with at least two logical partitions, each partition executing its own operating system (Page 17, ¶0209, lines 2-9).

As to claim 5, King discloses the system of claim 4, wherein the specified condition is a global condition applying to all of the partitions and wherein the monitoring comprises monitoring resources allocated to all of the partitions (Page 18, ¶0220, lines 1-8).

As to claim 6, King discloses the system of claim 5, further comprising hypervisor means for monitoring the duration that each activated identify indicator remains in an activated state and for deactivating any identify indicator that has been in the activated state in excess of a duration exceeding a threshold duration (Page 19, ¶0238, lines 6-15).

As to claim 7, King discloses the system of claim 5, further comprising means for specifying a local condition via one of the operating systems, wherein the local condition applies to only those resources on the partition in which the operating system is installed (Page 19, ¶0239, lines 1-3).

As to claim 8, King discloses a computer program product for controlling identify indicators on a data processing system, the computer program product comprising computer executable instructions stored on a computer readable medium, comprising:

computer code means for enabling a user to specify a condition for resetting an activated identify indicator (Page 9, ¶0113, lines 3-11 & Page 19, ¶0239, lines 1-3);

computer code means for monitoring the system to determine satisfaction of the condition (Page 19, ¶0243); and

computer code means for deactivating the identify indicator in response to detecting satisfaction of the condition (Page 19, ¶0243).

As to claim 9, King discloses the computer program product of claim 8, wherein the condition comprises completion of an adapter hot swap procedure (Page 9, ¶0113, lines 7-11 & Page 11, ¶0133, lines 3-16).

As to claim 10, King discloses the computer program product of claim 9, wherein means for monitoring the system are further characterized as means for polling information including the serial number of the adapter to determine when the adapter has been replaced (Page 11, ¶0133, lines 3-16 & Page 13, ¶0165, lines 6-7).

As to claim 11, King discloses the computer program product of claim 8, further comprising code means for allocating system resources to at least two logical partitions, each partition executing its own operating system (Page 17, ¶0209, lines 2-9).

As to claim 12, King discloses the computer program product of claim 11, wherein the condition comprises a global condition applicable to identify indicators of all of the partitions (Page 18, ¶0220, lines 1-8).

As to claim 13, King discloses the computer program product of claim 12, further comprising hypervisor means for monitoring the duration that each activated identify indicator remains in an activated state and for deactivating any identify indicator that has been in the activated state in excess of a duration exceeding a threshold duration (Page 19, ¶0238, lines 6-15).

As to claim 14, King discloses the computer program product of claim 12, further comprising code means enabling the user to specify a local condition for resetting an activated identify indicator, wherein the local condition applies only to identify indicators allocated to a corresponding partition (Page 19, ¶0239, lines 1-3).

As to claim 15, King discloses a method of controlling identify indicators on a data processing system, comprising:

enabling the system to activate an identify indicator prior to initiating an event requiring a user to locate a field replaceable unit corresponding to the identify indicator (Page 9, ¶0113, lines 3-11 & Page 19, ¶0238, lines 6-15);

enabling the system to permit a user to configure the system to monitor for completion of the event (Page 19, ¶0239, lines 1-3); and

configuring the system to deactivate the identify indicator in response to detecting completion of the event (Page 19, ¶0243).

As to claim 16, King discloses the method of claim 15, further comprising, enabling the system to create a plurality of logical partitions and wherein monitoring for completion of the event comprises globally monitoring for completion of the event on all of the at least two partitions (Page 18, ¶0220, lines 1-8).

As to claim 17, King discloses the method of claim 16, wherein means for globally monitoring for completion of the event comprises globally monitoring for completion of an adapter hot swap (Page 9, ¶0113, lines 7-11 & Page 11, ¶0133, lines 3-16).

As to claim 18, King discloses the method of claim 17, wherein monitoring for completion of the hot swap comprises detecting a change of vital product data associated with the adapter (Page 11, ¶0133, lines 3-16 & Page 13, ¶0165, lines 6-7).

As to claim 19, King discloses the method of claim 18, further comprising globally monitoring the duration that each activated identify indicator remains in an activated state and for deactivating any identify indicator that has been in the activated state in excess of a duration exceeding a threshold duration (Page 19, ¶0238, lines 6-15).

As to claim 20, King discloses the method of claim 16, further comprising enabling the system to locally monitor for completion of a second event on one of the plurality of partitions and to deactivate an identify indicator allocated to the partition in response thereto (Page 19, ¶0243 & Page 20, ¶0247, lines 1-7).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Ehne whose telephone number is (571)-272-2471. The examiner can normally be reached on Monday-Friday 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel can be reached on (571)-272-3645. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



ROBERT BEAUSOIEL
GOVERNMENT EXAMINER
TELEPHONE 2100